

Solution of Some Problems Pertaining to Detonation in
a Medium With a Variable Density, by I. M. Yavorskaya,

RUSSIAN, per, Doklady Akad Nauk SSSR, Vol CXI, No 4,
1956, pp 783-786.

Assoc Tech Sv TR
\$5.95
RJ-783
51,540

Sci - Physics
Aug 57

Towards a General Theory of Meson Scattering, by
A. Brodskiy, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 4, Nov-Dec 1956, pp 787-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 6

Sci - Physics
Oct 57

53,405

Measurements of the Li⁶ (n, t) He⁴ Cross Section
for Neutrons With Energies From 9 to 700 Kev, by
G. V. Gorlov, B. M. Gokhberg, V. M. Morozov, G. A.
Otroshchenko, 3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 4 Nov-Dec 1956, pp 791-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 6

Sci - Physics
Oct 57

53,406

Interactions of Fast Pions and Nuclei, by L. P.
Kudrin, B. A. Nikol'skiy, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 4, Nov-Dec 1956, pp 795-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 6

Sci - Physics
Oct 57

53,407

On an Intermediate System Formed During the Scattering of Elementary Particles, by M. S. Livshits, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 4, Nov-Dec 1956, pp 799-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 6

Sci - Physics
Oct 57

53, 400

Spectrophotometric Method of Investigating Dispersion
and Absorption by Solids, by M. P. Lisitsa, 3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 4, Nov-Dec 1956, pp 803-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 6

Sci - Physics
Oct 57

53,401

Enrichment of Radioactive Isotopes of Iodine,
Germanium, Arsenic, and Antimony by (γ ,n) Reactions,
by A. N. Murin, V. D. Nefedov, V. L. Baranovskiy,
D. K. Popov, 3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 4, Nov-Dec 1956, pp 806-

Amer Inst of Phys
Sov Phys "Doklady"
Vol X, No 6

53,402

Sci - Physics
Oct 57

Saturation Measurements of Ultrasonic Absorption in
Ethyl Acetate Using an Impulse Method With Two Fixed
Distances, by V. F. Mozdrev, V. D. Sobolev, 3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 4, Nov-Dec 1956, pp 808-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 6

Sci - Physics
Oct 57

53, 403

Ionic Conductivity of KI(Tl) Phosphors, by L. M.
Shamovskiy, A. A. Dunina, M. I. Gosteva, 3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 4, Nov-Dec 1956, pp 811-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 6

Sci - Physics
Oct 57

53, 396

On the Theory of Dielectric Polarization, by M. N.
Shakhparonov, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 4, Nov-Dec 1956, pp 815-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 6

Sci - Physics
Oct 57

53,397

Complex Compounds of Platinum With Dimethyl- and
Diethylsulfides, by A. D. Gelman, S. P. Derendyaev,
4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 4, Nov/Dec 1956, pp 821-823.

Consultants Bureau

Sci - Chem

Dec 57

56, 693

ATS - 6J15R

Investigation of Metallic Compounds in Nickel Alloys
Containing Aluminum, by R. B. Golubtsova, L. A. Mashko-
vich, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI, No 4
Nov/Dec 1956, 824-826.

SLA 60-14513
Consultants Bureau

Sci - Chem

56, 694

Dec 57

Chlorocarylation of Conjugated Dienes and A New Method
Synthesis of α -Arylbutadienes, by A. V. Dombrovsky
4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI, No 4
Nov/Dec 1956, pp 827-830.

Consultants Bureau

Sci - Chem

56, 695

Dec 57

A New Synthesis of Cycloserine, by N. K. Kochetkov,
R. M. Khamutov, M. Ya. Karpeisky, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 4, Nov/Dec 1956, pp 831-834.

Consultants Bureau

Sci - Chem

56, 696

Dec 57

Synthesis of Organomercury Compounds From Hydrazones,
by A. N. Nesmeyanov, O. A. Reutov, A. S. Loseva, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 4, Nov/Dec 1956, pp 835-838.

Consultants Bureau

Sci - Chem

Dec 57

56,697

The Order of Addition of Bromine to Alkenylacetylenes.
by A. A. Petrov, Yu. I. Porfir'yeva, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 4, Nov/Dec 1956, pp 839-841.

Consultants Bureau

Sci - Chem

Dec 57

56, 698

Sulfonation of Diphenylmethane, by V. S. Etlis, G. A. Razuvaev, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 4, Nov/Dec 1956, pp 842-844.

Consultants Bureau

Sci - Chem

Dec 57

56, 699

About One Effect of Movement of Aerosol Particles,
by Ya. I. Kogan, R. S. Repina.

RUSSIAN, per, Dokl Ak Nauk SSSR, Vol 69, No 4, 1956,
pp 851-854. 9072202.

USDA

Sci - Chem

Oct 60

129,838

The Adsorption Properties of Silica Gel as Influenced by a Chemical Modification of Its Surface, by K. D. Shcherbakova, et al.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
NO 4, 1956, pp 855-858.

Co-op Tr Sch Tr 434

SLA 59-22228

Sci - Chemistry
Mar 58

59, 337

Biochemical Mutants of *Actinomyces Rimosus*
(Terramycin Producer), by S. Z. Mindlin, S. A.
Alikhanyan, 7 pp.

^X
RUSSIAN, per, Dek Ak Nauk, SSSR, Vol CXI, No 4,
1956, pp 884-886.

SLA 59-10142

Sci - Biol
Sep 59
Vol 2, No 1

97, 226

Green's Function in the Boltzmann Equation for
Neutrons, by Khr. Ya. Christov, 7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, vol CXT, 1956,
no 981-984.

AERE tr-831

Sci - Phys
Jan 60

SAC 60-12800

104,885

Spontaneous Lattice Deformations in Ferromagnetic
Transitions, by K. P. Belov, N. K. Panina, 3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 5, Nov-Dec 1956, pp 985-

Amer: Inst of Phys
Sov Phys "Doklady"
Vol I, No 6

Sci - Physics
Oct 57

53, 398

Elastic Scattering of Gamma Rays With Energy to
120 Mev by Protons, by B. B. Govorkov, V. I.
Gol'danakiy, O. A. Karpukhin, A. V. Kutsenko,
V. V. Pavlovskaya, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 5, Nov-Dec 1956, pp 988-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 6

Sci - Physics
Oct 57

3-3, 399

Scattering of Positive and Negative 300-Mev Pions
by Hydrogen, by L. S. Dul'kova, I. B. Sokolova, M. G.
Shafranova, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 5, Nov-Dec 1956, pp 992-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 6

53, 392

Sci - Physics
Oct 57

Maximum Amplification Factor and Noise of Photo-multipliers, by E. K. Zavoiskiy, M. M. Butslov, G. E. Smolkin, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 5, Nov-Dec 1956, pp 996-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 6

Sci - Physics
Oct 57

53, 393

Information Branch
070 77-62-29100

Radiation Transfer in an Inhomogeneous Medium,
by V. V. Sobolev, 10 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
GXI, 1956, pp 1000-1003.

AEC Tr 2917

Sci - Physics
Jun 57

48, 302

End List of Phys.
Vol I, No 6 '57

Measure of the Thermal Conductivity Polytharm of
Water in the Range of 10 to 60° C, by V. P.
Frontas 'ev.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXI, No 5, 1956,
pp 1014-1016.

ATS RJ-1155

Sci - Phys
Apr 60

14,506

Synthesis of (p,q) - Terminal Switching Networks,
by A. S. Blokh.

RUSSIAN, per, Doklady Akademii Nauk SSSR, Vol. 111, No 5,
1956, pp 1017-1019. ^{AK}

Morris D. Friedman B-129

Sci

Aug 58

68,663

B-Triethylborazole, by A. F. Zhigach, E. B. Kazakova, E
E. S. Krongauz, 2 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 5, Nov/Dec 1956, pp 1029-1030.

Consultants Bureau

Sci - Chem

56,700

Dec 57

The Chemical Constitution of Shale Kerogen, by V. I.
Kasatochkin, O. I. Zilberbrand, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 5, Nov/Dec 1956, pp 1031-1034.

Sci - Chem

Dec 57

Consultants Bureau

56,701

Catalytic Cyclization of n-Propylbenzene to Indane, by
A. L. Liberman, O. V. Bragin, E. A. Kazansky, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 5, Nov/Dec 1956, pp 1039-1041.

Sci - Chem

Consultants Bureau

Dec 57

56,702

A New Method of Synthesis of Organolead Compounds of the Class ArPbX₃, by E. M. Panov, V. I. Lodochnikova, K. A. Kocheshkov, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI, No 5, Nov/Dec 1956, pp 1042-1044.

Consultants Bureau

Sci - Chem

56,703

Dec 57

Normal Paraffinic Hydrocarbons Isolated From Kerosene From
Kerosene From Romashkin Petroleum, by A. V. Topchiev,
S. S. Nifontova, R. Ya. Sushchik, A. A. Suchkova, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 5, Nov/Dec 1956, pp 1045-1047.

Consultants Bureau

Sci - Chem

56,704

Dec 57

Cleavage of the Tetrahydrofuran Ring by the Action of Certain Halogen Compounds, by N. I. Shuikin, I. F. Bol'sky, 2 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI, No 5, Nov/Dec 1956, pp 1048-1049.

Consultants Bureau

Sci - Chem

Dec 30 57

56,705

Russian to Spanish

OTS TT-63-26798

The Electrochemical Behavior of Stainless Steel
in Sulphuric Acid Solution, by N. Ya. Bune,
Ya. M. Kolotyrkin.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXI, 1956,
pp 1050-1053.

CCT-166B

Sci - Chem
Dec 59

103,002

Predorzhenskite, A New Borate of the Saliferous
Strata of the Kudar Uplift, by Y. Y.
Yarzhemskiy, 9 pp.

RUSSIAN, per, Doklady Akad Nauk SSSR, Vol CXL,
~~1956~~, p 1087-1090.

SLA 1613

Sci

Jul 58

68, 822

Microscopic Organic Remains in the Sardobsk Series,
by E. A. Reitlinger.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CKI, No 5,
1956, pp 1098-1100.

ATB 50X25R
ATB RJ-1551

Sci
May 59

87,272

On Rectifying and Rectifying-Switching Circuits, by
O. B. Lepanov, 6 pp.

ROSSIAN, per, Doklady Akad Nauk SSSR, Vol CII, No 6,
1956, pp 1171-1174.

Morris D. Friedman (L-111)

Sci -
Jul 58

68,097

On a General Scheme for Application of Approximation Methods, by N. I. Polskiy, 5 pp.
RUSSIAN, per. Dok Akad Nauk SSSR, 111 No 6,
1956, pp 1181-1184.
ARM/RSIC-Tr-965-69

Sci/Math
Jul 70

Vyalov, S. S. and Tseytovich, N. A. EVALUATION OF THE BEARING CAPACITY OF COHESIVE SOILS BY THE BALL INDENTATION TEST. [1962] 5p. 10 refs. Order from OTS or SLA \$1.10	62-20390
Trans. of Akad[emija] Nauk SSSR. Doklady, 1956, v. 111, no. 6, p. 1193-1196.	I. Title: Ball indentation test I. Vyalov, S. S. II. Tseytovich, N. A.
DESCRIPTORS: *Soil mechanics, *Soils, Test methods, Analysis.	
(Agriculture--Plant Cultivation, TT, v. 9, no. 11)	Office of Technical Services

An Approximate Expression for Green's Function in
the Boltzmann Equation for Neutrons, by Khr. Ya.
Khristov, 8 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXI, 1956,
pp 1197-1200.

AERE tr-832

Sci - Phys
Jan 60

SIAF 60-13801

104,886

An Asymptotic Investigation of the Vertex Part in
Quantum Electrodynamics, by V. Z. Blank, D. V.
Shirkov, 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 6, Nov-Dec 1956, pp 1201-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 6

Sci - Physics
Oct 57

53, 394

Photoproduction of Slow π^+ -Mesons in Complex
Nuclei, by E. G. Gorzhevskaya, N. M. Panova, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 6, Nov-Dec 1956, pp 1205-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 6

Sci - Physics
Oct 57

53,395

Double-Resonance Curves of a Reflection Grating, by
L. N. Dariugin, G. Kh. Fridman, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 6, Nov-Dec 1956, pp 1209-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 6

53, 388

Sci - Physics
Oct 57

On Positron Annihilation in Metals, by V. I. Karpman,
I. Z. Fisher, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 6, Nov-Dec 1956, pp 1212-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 6

Sci - Physics
Oct 57

53, 389

Spark Channel Broadening in Air at About 2×10^6
Amperes, by V. S. Komel'kov, D. S. Parfenov, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 6, Nov-Dec 1956, pp 1215-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 6

Sci - Physics
Oct 57

53, 390

Energy Levels of the Nucleus of Li⁶ (Urovni
Yadra Li⁶), by Yu. L. Sokolov, et al, 8 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol
CXI, 1956, pp 1219-1222.

AB 51 AEC Tr 2960

52, 432

Sci - Physics
Sep 57

Amer Inst of Phys
vol I, no 6 1957

On Relativistic Invariance in Quantum Theory, by
Yu. M. Shirokov, 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 6, Nov-Dec 1956, pp 1223-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 6

53, 391

Sci - Physics
Oct 57

Emission Spectrum of Coronene in Solutions at Low Temperatures, by E. Vl Shpol'skiy, L. A. Klimova, 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI, No 6, Nov-Dec 1956, pp 1227-

Amer Inst of Physics
Sov Phys "Doklady"
Vol I, No 6

Sci - Physics
Oct 57

53, 532

X-Ray Diffraction Determination of the
Heterodiffusion Coefficients in Alloys
Forming Solid Substitution Solutions, by
B. Ya. Pines, E. F. Chaikovskiy, 7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXI,
No 6, 1956, pp 1234-1237.

MDF P-166
9093078

Sci
Nov 61

173, 3/6

Esters of α -Hydroxy- β -Chloro-Isopropylphosphonic
and α , 1, 2-Epoxy-2-Propylphosphonic Acids. by V. S.
Abramov, A. S. Kapustina, 2 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 6, Nov/Dec 1956, pp 1243-1244.

Consultants Bureau

56,706

Sci - Chem

Dec 57

The Action of Acetyl Hydroperoxide on Alkylfurfuryl
Alcohols, by M. M. Azaanova, V. I. Pensevich-Kolyad.
4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 6, Nov/Dec 1956, pp 1245-1248.

Consultants Bureau

Sci - Chem

Dec 57

56,707

Diene Synthesis With Chloromethyl Vinyl Ketone, by
Yu. A. Arbuzov, B. L. Diatkin, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 6, Nov/Dec 1956, pp 1249-1251.

Consultants Bureau

Sci - Chem

56,708

Dec 57

The Question of the Kinetics of the Curing of Phenol-Formaldehyde Resins By Means of Hexamethylenetetramine, by L. A. Igonin, E. G. Gintsberg, N. A. Krasulina, V. A. Margin, 2 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CRI, No 6, Nov/Dec 1956, pp 1252-1254.

Consultants Bureau

Sci - Chem

Dec 57

56,709

co-ops sol. 6413

Simultaneous Microdetermination of Fluorine, Carbon,
and Hydrogen in Elemento-organic Compounds, by M. O.
Korshum, N. E. Gelman, K. I. Glazova, 2 pp.

RUSSIAN, thrice-pp per, Dok Ak Nauk SSSR, Vol CXI,
No 6, Nov/Dec 1956, pp 1255-1256.

Consultants Bureau

Sci - Chem

56, 710

Dec 57

RUSSIAN to FRENCH

OTS 77-62-281?2

Isomerization of Allylic Organometallic Compounds, by
V. A. Kropachev, B. A. Dolgoplosk, K. V. Danilovich,
4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 6, Nov/Dec 1956, pp 1257-1259.

Consultants Bureau

Sci - Chem

56, 711

Dec 57

Synthesis of some Silicon Compounds with Cycloaliphatic Radicals, by N. S. Nemtchin, A. V. Pochinov, T. I. Chernysheva, 4 pp.

Chemical
RUSSIAN, TWO pg., Dok Ak Nauk SSSR, Vol CXI, No 6,
Nov/Dec 1956, pp 1260-1265.

Consultants Bureau

Sci - Chem

56, 903

Dec 57

Fotoreactions of Organochromium Compounds, by G. A.
Razuvaev, Yu. A. Sorokin, & G. A. Domrachev, 2 pp.
(thrice)

RUSSIAN, no per, Dok Ak Nauk SSSR, Vol CXI, No 6,
Nov/Dec 1956, pp 1264-1266.

Consultants Bureau

Sci - Chem

Dec 57

56,904

Promotion of Chain Branching Reactions by the
Influence of Penetrating Radiations in the Initial
Period of the Process, by Emmanuel H. M., 5 pp.

RSSIAN, per, Dok Ak Nauk SSSR, Vol CXI, No 6,
1956, pp 1286-1289.

Assoc Tech Serv
43120R

ATS/RJ-1612

Sci - Chem
May 59
OTS, Vol I, No 6

86,306

Characteristics of the Luminescence Properties of Coals
of Various Ranks, by K. F. Rodionova, L. E. Shterenberg,
N. G. Gribkova, 3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 3X 6, 1956, pp 1290-

Consultants Bureau

Sci - Chemistry
Mar 58

60,786

Growth Changes in the Content of Phenol Compounds and Their Distribution Among the Organs of the Potato Plant, by S. I. Pashkov.

RUSSIAN, per, Dok Akad Nauk SSSR, Vol CXI,
1956, pp 1375-1377.

CSIRO

Sci - Biol
Jun 62

199, 631

Contribution to the Biology of the
Tick *Ornithodoros Papillipes*, by E. N.
Pavlovskiy, A. N. Skrynnik. 6p.
RUSSIAN, per, Doklady Akademii Nauk SSSR,
Vol 111, No 6, 1956, pp 1403-1405.
SIA AD-625 625

Sci-B&M
Jul 66

307,575

Phenomenon of Photo Photographic Reversal, by
E. A. Galashin, V. M. Tatevskiy, 10 pp.

RUSSIAN, three-no per, Dok Ak Nauk SSSR, Vol CIK,
No 2, 1956, pp 347-350.

SLA R-1046

CIA/FDD X-2638

Sci - Physics
Nov. 57

54, 925

Sci Mus Lib.
Tr 57/2529

Biosynthesis of Carnosine by Muscle Tissue in
Vitro, by L. G. Razina.
RUSSIAN, per, Dokl Akad Nauk SSSR, Vol 111,
No 1, 1956, pp 161-164.
HEW-NIH

1-3-68

Sci/B & M
Feb 68

349796

DOKLADY AN SSSR, BIOKHIMIYA
(Doklady Biochemistry - bimonthly)
Translation begins with 1957.
Vols. 112-117
lag time: ca. 6 months
Order from: Plenum Publishing Corporation
227 West 17th Street
New York, N.Y. 10011
1971: \$ 80.00/year
\$ 30.00 single issues
\$ 15.00 single article reprints
add \$ 5.00 on oversea subscription

DOKLADY AN SSSR, BIOLOGIYA - bimonthly
(Proceedings of the Academy of Sciences
of the USSR, all Biological Sciences
Sections, except "BIOKHIMIYA" and "BOTANIKA"
Translation of 1957, Vol. 112, Nos. 1-6
up to and including 1961.
Order from: National Technical Information
Service
5285 Port Royal Road
Springfield, Virginia 22151
\$ 3.00 single issues

DOKLADY AN SSSR, BOTANIKA
(Proceedings of the Academy of Sciences
of the USSR, Botanical Section)
Translation from 1957, Vol. 112.
Nos. 1-6 up to and including 1961.
Order from National Technical Information
Service
5285 Port Royal Road
Springfield, Virginia 22151
\$ 3.00 single issues

DOKLADY AN SSSR, FIZICHESKAYA KHIMIYA
(Doklady Physical Chemistry - monthly)
Translation begins with 1957, Vol. 112
lag time: ca. 10 months
Order from: Plenum Publishing Corporation
227 West 17th Street
New York, N.Y. 10011
1971: \$ 180.00/year
\$ 30.00 single issue
\$ 15.00 single article reprints /
add \$ 5.00 on oversea subscription

DOKLADY, BOTANICAL SCIENCES SECTIONS
(DOKLADY AKADEMII NAUK SSSR) 1957-61,
VOLS. 112-141. 1957-June 62, 31 nos.
Order from OTS or SLA

Partial trans. (Botanical Sciences sections) of
Akademika Nauk SSSR. (Doklady) 1957-61, v. 112-141.

DESCRIPTORS: *Plants (Botany).

v. 112, 44p. \$4.60, 63-23427-112
v. 113, 58p. \$5.60, 63-23427-113
v. 114, 25p. \$2.60, 63-23427-114
v. 115, 64p. \$6.60, 63-23427-115
v. 116, 62p. \$6.60, 63-23427-116
v. 117, 84p. \$8.10, 63-23427-117
Index v. 112-117, 12p. \$1.60, 63-23427-Index(112-117)
v. 118, 56p. \$5.60, 63-23427-118
(Biological Sciences--Botany, TT, v. 10, no. 6) (over)

63-23427-(112-141)
63-23427-(112-141)

I. American Inst. of
Biological Sciences,
Washington, D. C.

Office of Technical Services

Some Problems of Dynamics of Moon Flight, by
V. A. Egorov.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXIII,
No 1, 1957.

Primary Sources
\$7.50

Sci - Geophysics
Jul 57

50,121

Entropy of Stochastic Processes, by M. Rosenblat-Roth,
8 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXII, No 1, 1957,
pp 16-19.

SLA Tr R-94B

Sci - Physics

Integration Conf.
Oct 57 Vol. 1 No. 1
Statistical Physics

54, 597

On the Reduced Accelerations of Any Curve and on
Some of Their Extremal Properties, by D. I. Mangeron,
2 pp.

RUSSIAN, thrice-xx per, Dok Ak Akad SSSR, Vol CXII,
No 1, pp 27-28.

1957,

Consultant Bureau

Sci - Physics
Dec 57

53-972

Certain flat-surface plane problems in the
theory of thermal waves, by B. G. Korenev,
15 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, 112, no 1,
p 28, 1957.

SLA R-3456
ABC-SCL-F-138

Sci

Aug 59

94, 422

Heat Resistance of Certain Binary, Ternary,
Quaternary, and Quinary Nickel Systems at
800°C, by I. I. Korniko^žv, L. I. Pryakhina,
5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXII,
no 1, 1957, pp 70-72.

SIA 60-16987

197,994

Sci
May 62
Vol 4, No 8

Dok Ak Nauk, Vol CXII, No 1, 1957

pp 33 -49 -- Amer Inst Phys, Sov Phys, Dok - Vol 2,
No 1

pp 49 - 52 -- Consultants Bureau L-112

pp 55 - 65 -- " MDF 5-123

pp 67 - 85 -- " " (Also see authors)

pp 96 - 126 -- " " (See authors)

pp 130 - 148 -- Amer Inst of Biol Sci
Dok - Biol Sci Sec, Jan/Feb 1957

pp 152 - 177 -- " " " " " " "

Certain Regularities in the Quantitative Distribution of Bottom Fauna in Antarctic Waters, by
G. M. Beliaev and P. V. Ushakov.

RUSSIAN, per, Doklady Akademii Nauk SSSR, Vol.
112, No 1, 1957, pp 137-140.

Dept of Interior
Fish and Wildlife Service
BCF, Bureau of Foreign Fisheries

USSR
Econ
Nov 67

245.500

<p>Leikis, D.I. and Venstrem, E.K. DETERMINATION DU POTENTIEL DE CHARGE NULLE DES ELECTRODES DE BOXYDE DE PLOMB PAR LA METHODE DE MESURE DE LA DURETE (Opravlenie Potentsiala Nulevogo Zaryada Elektrodov iz Dvoikisi Sintsa Metodom Izmereniya Tverdosti) (Determination of the Zero Charge Potential of Lead Dioxide Electrodes by Hardness Measurement). 10p. (foreign text included) 14refs. CNRS-X 668. Order from OTS, ETC or CNRS \$0.80 TT-62-28606 Trans. in French of Akademiya Nauk SSSR Doklady, 1957, v.112, no.1, p.77-80.</p> <p>DESCRIPTORS: *Lead compounds, Oxides, *Electrodes, Hardness, Measurement, *Electric potential.</p> <p>(Physics--Electricity, TT, v. 11, no. 7)</p>	<p>TT-62-28606</p> <p>I. Leikis, D.I. II. Venstrem, E.K. III. CNRS-X668 IV. Centre National de la Recherche Scientifique, Paris</p> <p>Office of Technical Services European Translations Centre</p>
--	--

Theory of Information Transmission Through
Stochastic Communication Channels, by M.
Rozenblatt-Roth, 8 pp.
8

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXII, No 2,
1957, pp 202-205.

R
SLA #1171

Mario D'Grazia

Automatica

Vol I, May

London Mathematical Society

63,119

Sci

May 58

Asymptotic Expansions for Inhomogeneous Markoff
Chains, by V. A. Statuliavichus, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXII, No 2,
1957, p 206. 03A9W9398
R

SIA #1164

Sci

Rand Copy T-75

May 58

63,107

TSE-PEI, T.
R-3085. On linear extrapolation of a discrete homogeneous random field. Doklady Akad. Nauk SSSR, 112, no.2, p.207-210, 1957. (6p.)

The Dynamic Destruction of Equilibrium, by
L. I. Sedov. UNCLASSIFIED

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXII, No 2,
1957, pp 211-212.

Sci - Phys
Jun 58

TIL Tr 4870
DSIR CCC m. 1744
(Contra)

64,508

12 288

GE-1

RIVKIND A. I.

Proton relaxations in H₂O-D₂O mixtures containing paramagnetic ions

Protonenrelaxationen in H₂O-D₂O Gemischen, die paramagnetische Ionen enthalten

Dokl. Akad. Nauk SSSR, 112, No. 2, 239-240 (1957) - German

E u r a t o m

On the Problem of General Anamorphosis, by G. E.
Dzems-Levi.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXII,
No 2, 1957, pp 258-260.

MORRIS D. FRIEDMAN for Lincoln Lab
(as SLA later)

Nov 57

Dok Ak Nauk, Vol CXII, No 2, 1957
241

pp 224 - 227 -- Amer Inst of Phys - Sov Phys-
Dok, Vol II, No 1

pp 245 - 266 -- Consultants Bureau

pp 270 - 278 -- " "

pp 283 - 286 -- " "

pp 287 - 303 --- " "

pp 311 - 332 -- Consultants Bureau

pp 336 - 368 -- Amer Inst of Biol Sci - Dok-
Biol Sci Sci, Jan/Feb 1957

pp 349 - . Amer Inst of Biol Sci

PP 363-380 - NCIR 22K M-1844 (LOKIN)

PP- 245- 248- 00- 01- 3037, 318

On the Common Nature of Slip, Oscillatory and
Optimum Operating Conditions of the Servomechanisms
Class, by V. V. Petrov, G. M. Ulanov, 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXII,
No 3, pp 394-.

1957,

Consultants Bureau

Sci - Physics
Dec 57

55,974

Applied Physics Sec

The Nuclear Isomerism of Hf^{180m}, by V. S. Gvozdov, L.
I. Rusinov, 4 pp.

RUSSIAN, thrice-mo prsr, Dok Ak Nauk SSSR, Vol CXII,
No 3, 1957, pp 401-404.

Amer Inst of Phys
Sov Phys, "Doklady"
Vol II, No 1

Sci - Physics
Dec 57

56,946

Radioactive Isotopes of the Rare Earths Formed in
a Spallation Reaction, by G. M. Gorodinskiy, A. N.
Murin, V. N. Pikrovskiy, B. K. Preobrazhenskiy,
N. E. Titov, 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol CXII, 1957, pp 405, 406.

Armed Forces Library Vol 3, No 1
ABC Tr 3038

Sch - Physics
Oct 57

54, 283

SIA R-1985

A Theory of the Interaction Between Evaporating or
Growing Droplets at Large Distances, by S. S.
Dukhin, B. V Dariagin, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXII,
No 3, 1957, pp 407-410.

Assoc Tech Serv
Amer Inst of Phys
Sov Phys, "Doklady"
Vol II, No 1
AT&T-RT-1352
56,947

Sci - Physics
Dec 57

On the Interaction of Antiprotons and Nuclei, by
P. E. Neimirovskiy, 3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXII,
No 3, 1957, pp 411-413.

Amer Inst of Phys
Sov Phys, "Doklady"
Vol II, No 1

56, 948

Sci - Physics
Dec 57

α -Decay Fine Structure of Even-Even Nuclei, by
V. G. Nosov, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXII,
No 3, 1957, pp 414-

Amer Inst of Phys
Sov Phys, "Doklady"
Vol II, No 1

56,949

Sci - Physics
Dec 57

Histopathology of the Nervous System During
Different Periods of Experimentally Produced Acute
Irradiation Illness, by A. G. Beglaryan, K. A.
Kyandaryan, S. A. Papoyan, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXII,
No 3, 1957, pp 422-424.

Amer Inst of Biol Sci
Doklady-Biol Sci Sec
Jan/Feb 1957

Sci - Medicine
Sep 57

51, 989

REF ID: R 3223

Approximate Calculation of the Surface Tension of Metals, by S. N. Radurkin. RUSSIAN, per, Doklady Akademii Nauk SSSR, Vol 112, No 3, 1957, pp 453-456. NASA TR R-11,552

Sci/Phys 369,166
Oct 68

On the Relation Between Activation Energy and
the Heat of Reaction, by N. D. Sokolov.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXII,
No 4, 1957.

Primary Sources
\$5.00

Sci - Physics
Aug 57

50,719